



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE 248 MEDIUM STRENGTH THREADLOCKER STICK

Product-Code: 525714

Intended use: Anaerobic Sealant

Supplier:

HENKEL AUSTRALIA PTY. LIMITED
ADHESIVE TECHNOLOGIES
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Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 03 9724 6556

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material Xi - Irritant

Risk phrases:

R36/37 Irritating to eyes and respiratory system.

Safety phrases:

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51 Use only in well-ventilated areas.

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Signal word:

HAZARDOUS



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Polyethylene glycol 200 dimethacrylate	25852-47-5	> 60 %
Polyamide wax~		10 - 30 %
Hexanoic acid, 2-ethyl-, oxybis(2,1-ethanedioxy-2,1-ethanediyl) ester	18268-70-7	< 5 %
Silica, amorphous, fumed, crystal-free	112945-52-5	< 5 %
Saccharin	81-07-2	< 5 %
Ethane-1,2-diol	107-21-1	< 5 %
Cumene hydroperoxide	80-15-9	< 5 %
non hazardous ingredients~		< 10 %

SECTION 4. FIRST AID MEASURES

Ingestion:	Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. Seek medical advice.
Skin:	Rinse with running water and soap. Seek medical advice.
Eyes:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
Inhalation:	Move to fresh air. If symptoms persist, seek medical advice.
First Aid facilities:	Eye wash

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, foam, powder
Improper extinguishing agent:	None known
Decomposition products in case of fire:	Trace amounts of toxic and/or irritating fumes may be released and the use of breathing apparatus is recommended.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures:	Avoid skin and eye contact.
Environmental precautions:	Waste disposal with the approval of the responsible local authority.
Clean-up methods:	Scrape up spilled material and place in a closed container for disposal.

SECTION 7. HANDLING AND STORAGE



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Precautions for safe handling: Use only in well-ventilated areas.
Avoid skin and eye contact.

Conditions for safe storage: Store in original containers at 8-21°C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:

Ingredient	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
FUMED SILICA (RESPIRABLE FRACTION) 112945-52-5	Respirable fraction.		2	-	-	-
ETHYLENE GLYCOL (VAPOUR) 107-21-1	Vapor.	20	52	-	-	-
	Vapor.	-	-	-	40	104
	Particulate.	-	10	-	-	-

Engineering controls: Ensure good ventilation/extraction.

Eye protection: Wear protective glasses.

Skin protection: Wear suitable protective clothing.
Butyl rubber gloves

Respiratory protection: If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: blue
solid

Odor: characteristic

Specific gravity: 1.1097

Boiling point: > 149 °C (> 300.2 °F)

Flash point: > 100 °C (> 212 °F)

Vapor pressure: < 5 mm hg

Density: 1.1000 g/cm3

Solubility: Solvent: Water, Slight

VOC content < 3 %
(1999/13/EC)

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Avoid excessive heat and ignition sources.



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Incompatible materials: Strong oxidizing agents.
Free radical initiators.

Hazardous decomposition products: Oxides of carbon.
Oxides of sulfur.
Oxides of nitrogen.
Irritating organic vapours.

Hazardous polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Ingestion: Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

Skin: May cause skin irritation.

Eyes: Contact with eyes will cause irritation.

Inhalation: Causes respiratory tract irritation.

Acute oral toxicity:	Saccharin	LD 50 (Mouse) = 17 g/kg
	81-07-2	
	Ethanediol	LD 50 (Dog) = 8.81 g/kg
	107-21-1	LD 50 (Dog) = 5,500 mg/kg
		LD 50 (Rat) = 5.89 g/kg
		LD 50 (Guinea pig) = 8.20 g/kg
		LD 50 (Cat) = 1,650 mg/kg
		LD 50 (Mouse) = 14.6 g/kg
	Cumene hydroperoxide	LD L0 (Mouse) = 5,000 mg/kg
	80-15-9	

SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Do not empty into drains / surface water / ground water.
In the cured state contribution of this product to Environmental Hazards is insignificant in comparison to articles in which it is used.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product: Dispose of in accordance with local and national regulations.
Contribution of this product to waste is very insignificant in comparison to article in which it is used

Disposal for uncleaned package: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.
Disposal must be made according to official regulations.



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SECTION 14. TRANSPORT INFORMATION

Road and Rail Transport:

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

General information:

Not hazardous according to RID, ADR, ADNMR, IMDG, IATA-DGR.

SECTION 15. REGULATORY INFORMATION

SUSDP Poisons Schedule:

None

AICS:

All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

ADGC - Australian Dangerous Goods Code
ASCC - Australian Safety and Compensation Council
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
STEL - Short term exposure limit
TWA - Time weighted average

Date of previous issue:

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Disclaimer:

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